

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AMINO POLYOL AMINE OXIDASE POLYNUCLEOTIDES AND RELATED
POLYPEPTIDES AND METHODS OF USE**

the specification of which (check one)

☒
☐

is attached hereto

was filed on _____ as Application Serial No. _____ and was
amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of

Federal Regulations §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS: PATENTED, PENDING, ABANDONED
60/092,936	July 15, 1998	Pending

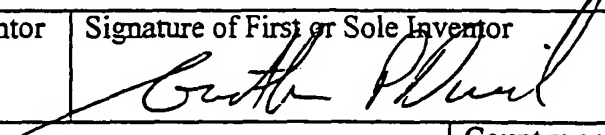
I hereby appoint as my attorneys and/agents, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Debra L. Blair	Registration No. 39,112
Donna Bobrowicz	Registration No. 32,196
Jean M. Bromert	Registration No. 42,362
Catherine D. Brooke	Registration No. 44,041
Karen Moon Bruce	Registration No. 42,366
Herbert H. Jervis	Registration No. 31,171
Marianne H. Michel	Registration No. 35,286
David B. Ran	Registration No. 38,589
Patricia A. Sweeney	Registration No. 32,733
Michael E. Yates	Registration No. 36,063

Send Correspondence to: Karen Moon Bruce
Patent Counsel
7100 N.W. 62nd Avenue
P.O. Box 1000
Johnston, Iowa 50131-1000

Direct telephone calls to: Karen Moon Bruce
(515) 248-4879


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

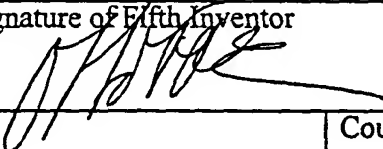
Full Name of First or Sole Inventor	Signature of First or Sole Inventor	Date
Jonathan P. Duvick		July 12, 1999
Residence Address	Country or Citizenship	
1707 - 38th Street	United States of America	
Post Office Address		
Des Moines, Iowa		

Signatures should conform to names as typewritten. ☒ Additional inventors on attached page 3.

Full Name of Second Inventor	Signature of Second Inventor	Date
Jacob T. Gilliam	<i>Jacob T. Gilliam</i>	7/9/99
Residence Address	Country or Citizenship	
1004 Meadow Drive	United States of America	
Post Office Address		
Norwalk, Iowa		


Full Name of Third Inventor	Signature of Third Inventor	Date
Joyce ^{egm} B. Maddox	<i>Joyce R Maddox</i>	7/8/99
Residence Address	Country or Citizenship	
2510 Sherwood Drive	United States of America	
Post Office Address		
Des Moines, Iowa		

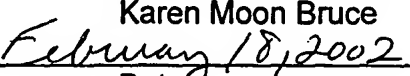
Full Name of Fourth Inventor	Signature of Fourth Inventor	Date
Oswald R. Crasta		7/7/99
Residence Address	Country or Citizenship	
95-2C Florence Road	India	
Post Office Address		
Branford, Connecticut		

Full Name of Fifth Inventor	Signature of Fifth Inventor	Date
Otto Folkerts		7/7/99
Residence Address	Country or Citizenship	
29 Arrowhead Drive	Netherlands	
Post Office Address		
Guilford, Connecticut		

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this Associate Power of Attorney was transmitted via facsimile transmission to the United States Patent and Trademark Office, via facsimile number (703) 872-9306, on this 18th day of February, 2002.



Karen Moon Bruce


Date

Docket No. 0875C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Duvick, et al. Date: February 18, 2002
Serial No.: 09/770,564 Group Art Unit:
Filed January 26, 2001 Examiner:
For: "Amino Polyol Amine Oxidase Polynucleotides and Related Polypeptides and Methods of Use"


Assistant Commissioner for Patents
Washington, D.C. 20231

ASSOCIATE POWER OF ATTORNEY

I hereby appoint McKee, Voorhees & Sease, Customer Number 27412, as my attorneys to prosecute this application and to transact all business in the Patent Office connected therewith.

Please address all future correspondence to Heidi S. Nebel at 801 Grand Avenue, Suite 3200, Des Moines, Iowa 50309, and all telephone calls to (515) 288-3667.

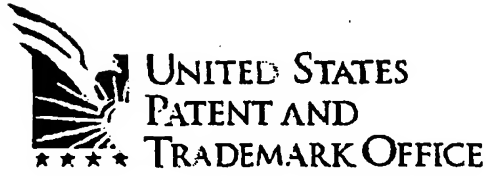
Respectfully submitted,


Karen Moon Bruce
Agent for Applicant(s)
Registration No. 42,366

PIONEER HI-BRED INTERNATIONAL, INC.
Corporate Intellectual Property
7100 N.W. 62nd Avenue
P.O. Box 1000
Johnston, Iowa 50131-1000
Phone: (515) 248-4879
Facsimile: (515) 334-6883

TO:Auto-reply fax 515 334 6883 COMPANY:

Auto-Reply Facsimile Transmission



TO:

Fax Sender at 515 334 6883

Fax Information

Date Received:

2/18/02 10:33:22 AM [Eastern Standard Time]

Total Pages:

2 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 702.04 et seq.

Received
Cover
Page

=====>

02/18/02 MON 10:32 FAX 515 334 6883

PIONEER HI-BRED DSM

0001

**PIONEER HI-BRED INTERNATIONAL, INC.
CORPORATE INTELLECTUAL PROPERTY DEPARTMENT**

FAX TRANSMISSION

7100 N.W. 62nd Avenue
P.O. Box 1000
Johnston, Iowa 50131-1000

Phone: (515) 248-4879
Fax: (515) 334-6883

TO: United States Patent Office - Assistant Commissioner for Patents

FROM: Karen Moon Bruce

RE: Serial No. 09/770,584 - Our Ref. No. 0875C

DATE: 02-18-02 FAX NUMBER: 703-872-0306

NUMBER OF PAGE(S) FOLLOWING THIS SHEET: 1

COMMENTS:

Attached please find an Associate Power of Attorney for filing

The contents of this facsimile are or may be attorney privileged and/or confidential and are intended only for the use of the recipient identified above. If the reader of this message is not the identified recipient, or the employee or agent responsible for delivering it to the identified recipient, you are hereby notified that any dissemination or use of this communication is unlawful and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Anyone so cooperating will be reimbursed for the reasonable expense incurred.

If there is a problem with transmission or illegible pages, please contact the sender or (515) 334-6845.

Received from 515 334 6883 at 2/18/02 10:33:22 AM [Eastern Standard Time]